

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101424\
 Data File : VY019886.D
 Acq On : 14 Oct 2024 12:58
 Operator : SY/MD
 Sample : P4377-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-100924

Quant Time: Oct 15 01:35:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	8076	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	15670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	10137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	1203	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	5454	54.847	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.700%
35) Dibromofluoromethane	7.640	113	4607	44.553	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.100%
50) Toluene-d8	10.109	98	16553	43.348	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.700%
62) 4-Bromofluorobenzene	12.408	95	2246	16.278	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	32.560%

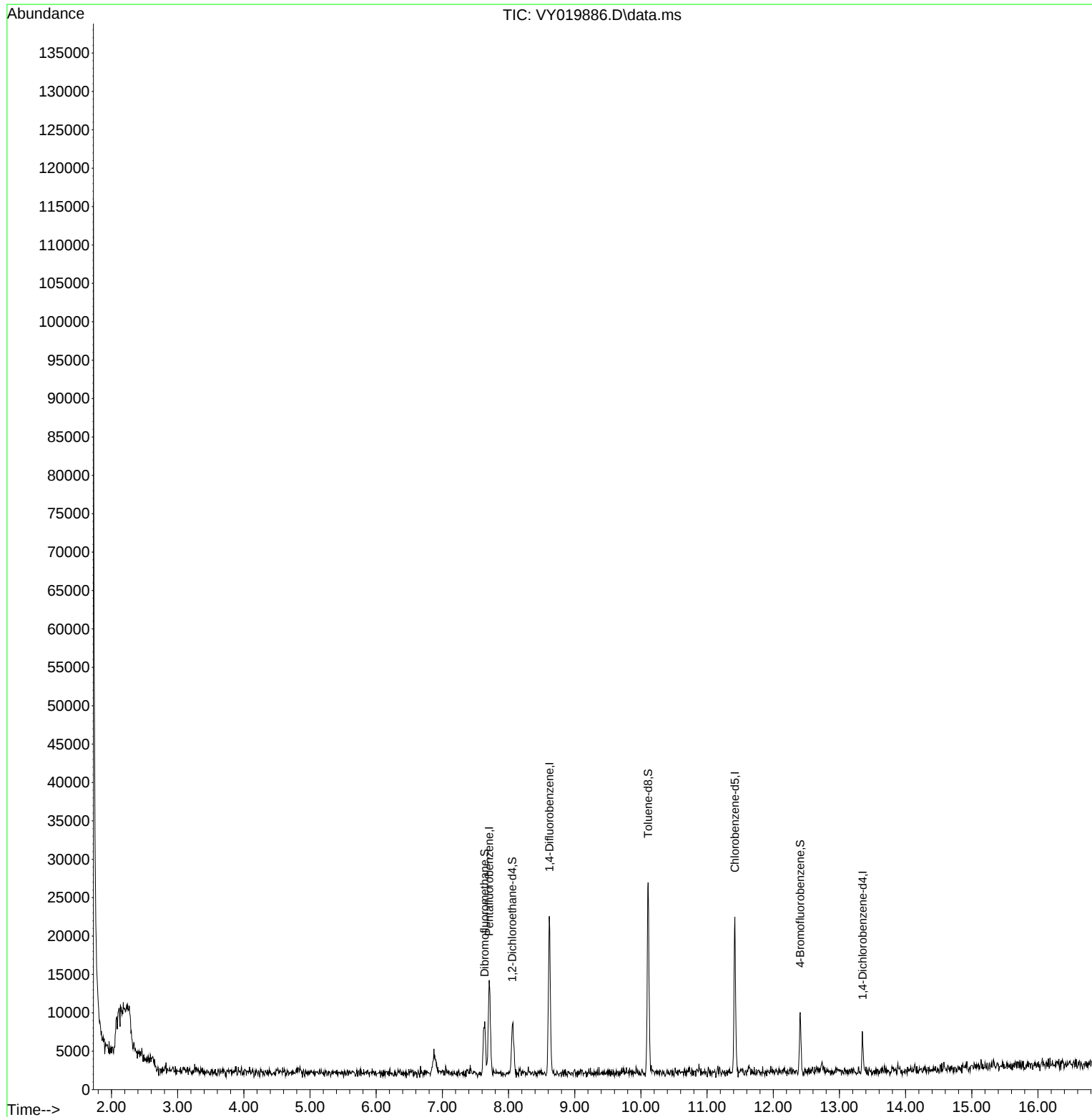
Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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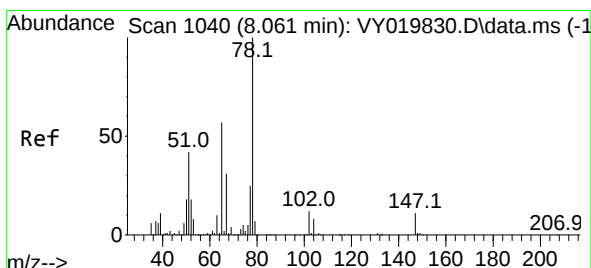
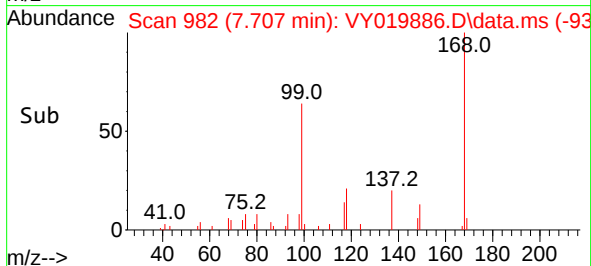
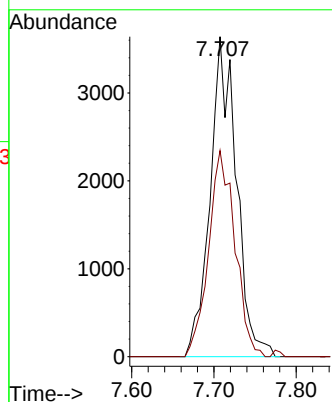
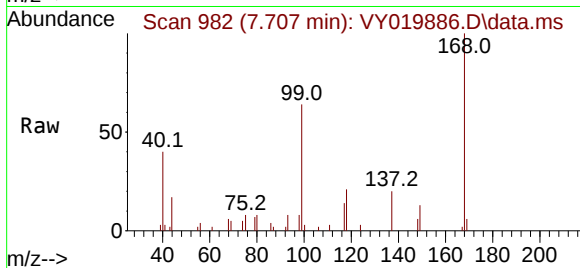




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019886.D
Acq: 14 Oct 2024 12:58

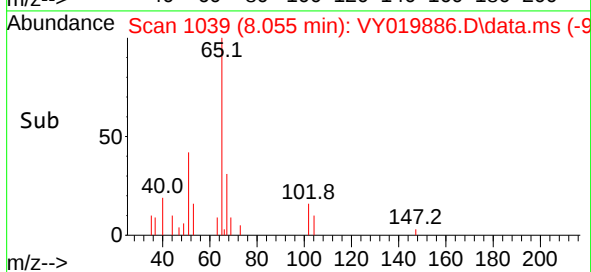
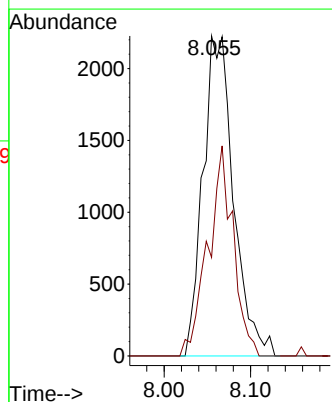
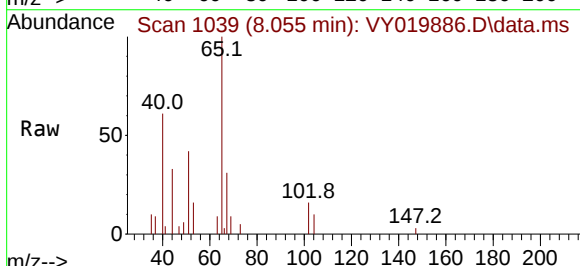
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-100924

Tgt Ion:168 Resp: 8076
Ion Ratio Lower Upper
168 100
99 64.4 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 54.847 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019886.D
Acq: 14 Oct 2024 12:58

Tgt Ion: 65 Resp: 5454
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019886.D

Acq: 14 Oct 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-100924

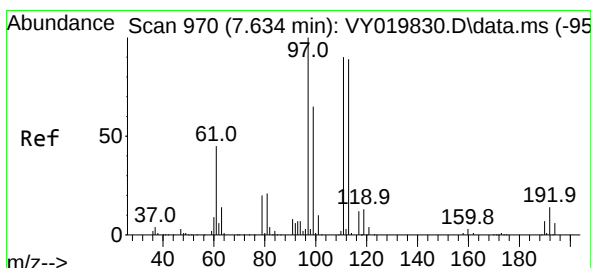
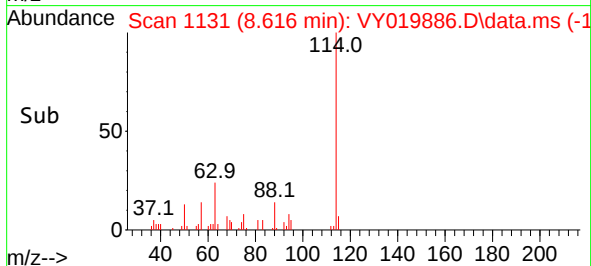
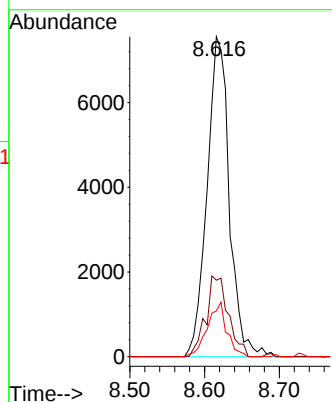
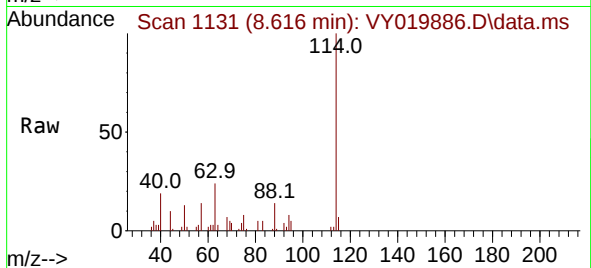
Tgt Ion:114 Resp: 15670

Ion Ratio Lower Upper

114 100

63 23.9 0.0 35.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 44.553 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.007 min

Lab File: VY019886.D

Acq: 14 Oct 2024 12:58

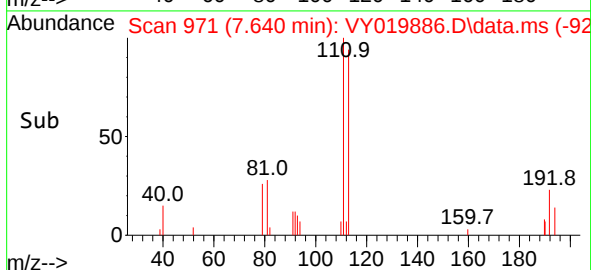
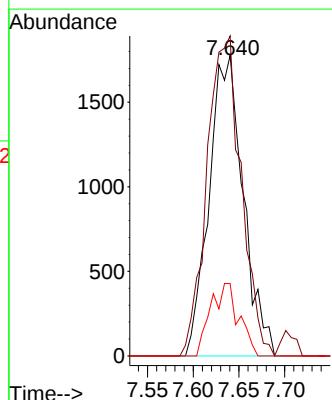
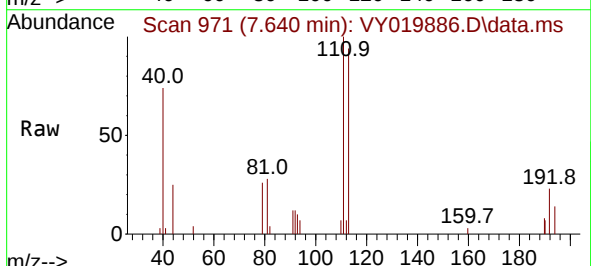
Tgt Ion:113 Resp: 4607

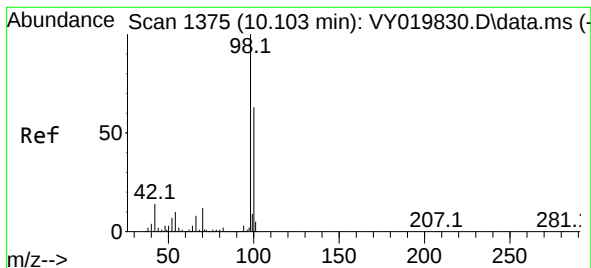
Ion Ratio Lower Upper

113 100

111 106.8 82.2 123.4

192 20.0 15.9 23.9

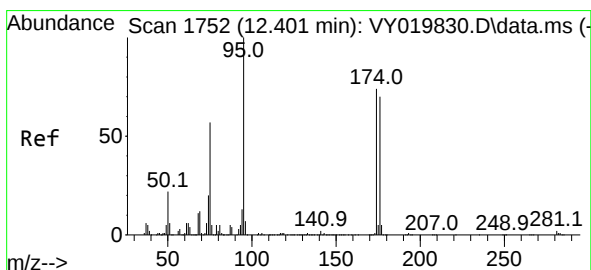
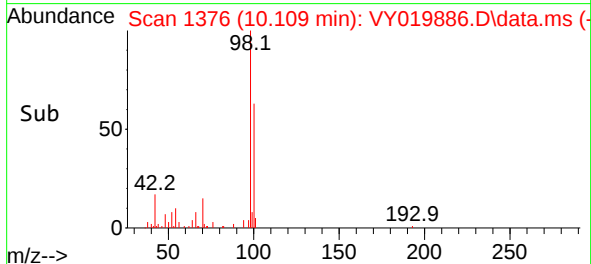
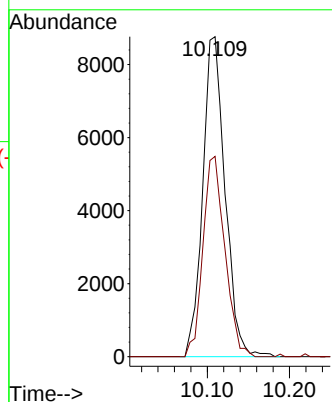
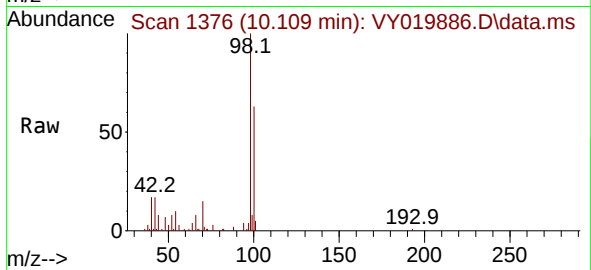




#50
Toluene-d8
Concen: 43.348 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019886.D
Acq: 14 Oct 2024 12:58

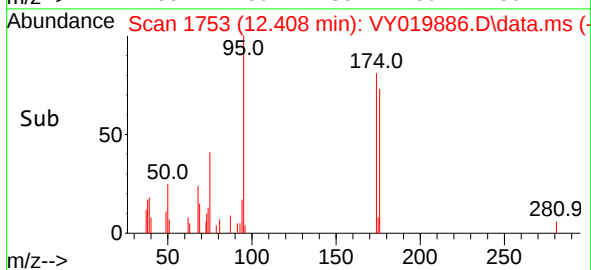
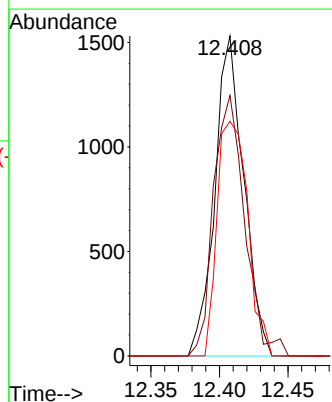
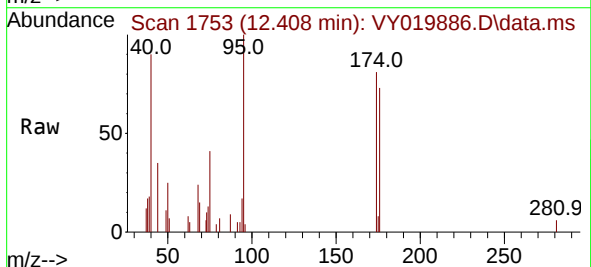
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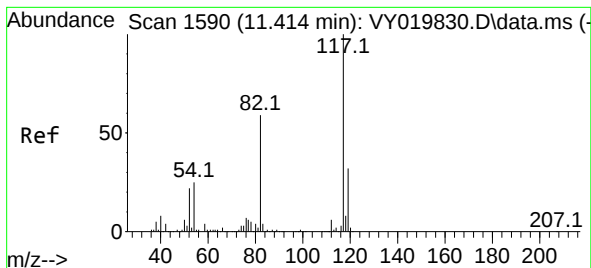
Tgt Ion: 98 Resp: 16553
Ion Ratio Lower Upper
98 100
100 61.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 16.278 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019886.D
Acq: 14 Oct 2024 12:58

Tgt Ion: 95 Resp: 2246
Ion Ratio Lower Upper
95 100
174 88.0 0.0 175.6
176 78.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019886.D

Acq: 14 Oct 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-100924

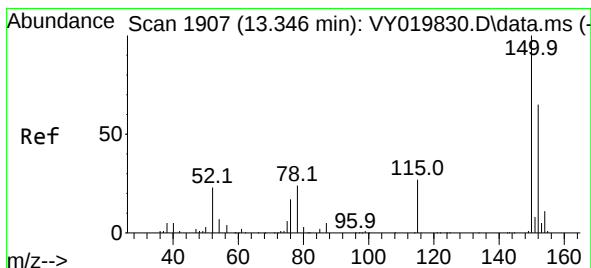
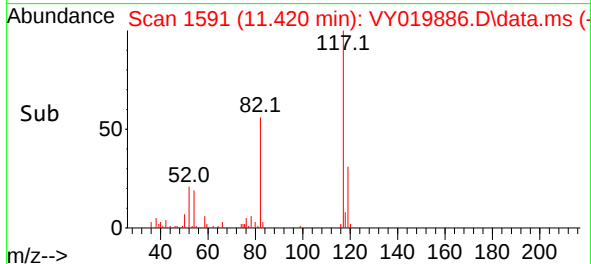
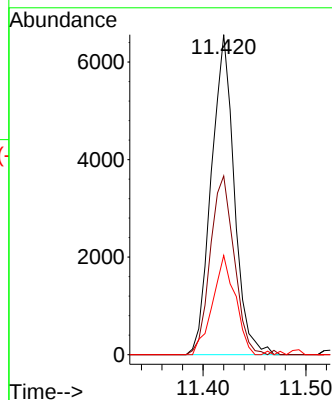
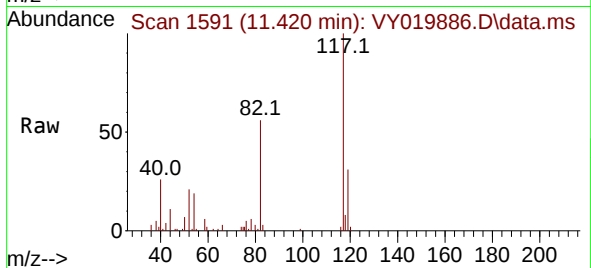
Tgt Ion:117 Resp: 10137

Ion Ratio Lower Upper

117 100

82 55.8 42.4 63.6

119 31.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.007 min

Lab File: VY019886.D

Acq: 14 Oct 2024 12:58

Tgt Ion:152 Resp: 1203

Ion Ratio Lower Upper

152 100

115 63.8 28.2 84.7

150 142.6 0.0 345.6

